

**GATEWAY SERVICE SYSTEM, DEVICE SERVICE SYSTEM,
DATA MANAGEMENT SERVER, AND HOME GATEWAY SYSTEM**

ABSTRACT

Gateway service provider 20 acquires and stores personal data of user 10 and device data of devices owned by user 10 when home gateway 11 is registered. Then, gateway service provider 20 sends such information or services based on the information to customer company 40A and in return receives payment from customer company 40A. As a result, customer company 40A can provide articles, contents and services to user 10.